

REMARKS

A. Background

Claims 1-5 were pending in the application at the time of the Office Action. Claims 1-5 were rejected as being anticipated by cited art. By this response applicant has cancelled claims 1-5 and added new claims 6-16. As such, claims 6-16 are presented for the Examiner's consideration in light of the following remarks.

New claims 6-16 are supported at least by cancelled claim 1 and Figures 4-6 and the corresponding discussion in the specification. In view of this, Applicant submits that the amendments to the claims do not introduce new matter and entry thereof is respectfully requested.

B. Rejection on the Merits

The Office Action objects to claims 2-4 because of various informalities, rejects claim 5 because of indefiniteness, and rejects claims 1-5 as being anticipated by U.S. Patent No. 5,240,569 to Waldron ("*Waldron*") or by Publication No XP-002265915 authored by Lukyanov et al. ("*Lukyanov*"). As noted above, all of pending claims 1-5 have been cancelled herein. Therefore, all of the claim objections and rejections set forth in the Office Action have thereby been rendered moot.

The Office Action objects to Figures 1 and 2 as only showing that which is old, but not being identified as such. In response thereto, Applicant has amended Figures 1 and 2 to include the label "Prior Art." In view of the foregoing, Applicant respectfully requests that the objections to the drawings be withdrawn.

No other objections or rejections are set forth in the Office Action.

C. New Claims

Applicant submits that each of new claims 6-16 is distinguished over the cited art of record. For example, claim 6 is directed to “a method of stabilizing an electrolysis cell” having an electrolyte, the method including the steps of “determining amplitude and frequency values for a desired external, time-varying and/or alternating magnetic field through wave reflection analysis on a theoretical wall,” and “imposing on said cell an external, time-varying and/or alternating magnetic field having substantially the same amplitude and frequency values determined in the wave reflection analysis.” Applicant submits that none of the cited art, alone or in combination, includes such limitations in combination with the other limitations of claim 6.

Claim 11 is directed to an electrolysis cell system and recites “means for imposing on said cell an external, time-varying and/or alternating magnetic field,” ... “means for determining amplitude and frequency values of the magnetic field through wave reflection analysis on a theoretical wall,” and “means for applying said magnetic field essentially at the cell boundary.” Applicant submits that none of the cited art includes such limitations in combination with the other limitations of claim 11.

Claims 7-10 and 12-16 depend from claims 6 and 11 and thus incorporate the limitations thereof. As such, Applicant submits that claims 7-10 and 12-16 are distinguished over the cited art for at least the same reasons discussed above regarding claims 6 and 11.

E. Conclusion

Applicant notes that this response does not discuss every reason why the claims of the present application are distinguished over the cited art. Most notably, applicant submits that

many if not all of the dependent claims are independently distinguishable over the cited art. Applicant has merely submitted those arguments which it considers sufficient to clearly distinguish the claims over the cited art.

In view of the foregoing, applicant respectfully requests the Examiner's reconsideration and allowance of claims 6-16 as amended and presented herein.

In the event there remains any impediment to allowance of the claims which could be clarified in a telephonic interview, the Examiner is respectfully requested to initiate such an interview with the undersigned.

Dated this 10th day of July 2007.

Respectfully submitted,

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